GE Medical Systems
OEC

OEC 9800® FluoroTrak™

Illustrated Parts Update

00-883442-01

Contents | Installation | Service | Schematics | Periodic Maintenance | Illustrated Parts

This update may not be reproduced in whole or in part, without written permission of GE OEC Medical Systems, Inc.

The contents of this document are accurate at the time of publication. However, changes in design and additional features can, at any time, be incorporated in the hardware and software and may not be reflected in this version of the document. Contact GE OEC Technical Support for clarification, if discrepancies arise.

OEC and OEC 9800 are registered trademarks of GE OEC Medical Systems, Inc. FluorTrak is a trademark of Visualisation Technologies, Inc. Other products and company names mentioned herein are the property of their respective owners.

The OEC 9800 FluoroTrak is manufactured under the following U.S. and foreign patents:
Other U.S. and foreign patents patents pending.
Made in the U.S.A.

© 2001
GE OEC Medical Systems, Inc.
384 Wright Brothers Drive
Salt Lake City, Utah 84116
U.S.A.
All rights reserved

Introduction

Purpose

This update contains information on the OEC 9800 FluoroTrak. It serves as an aid to field service engineers and technicians in locating parts and identifying part numbers. It is not a complete parts list and should not be used as a substitute for a bill of materials.

NOTE: The item numbers on the illustrations do not match the item numbers on the assembly drawings or the item numbers on the Bills of Materials.

Intended Audience

This upsdate is intended for the properly trained engineer or technician who designs, installs, maintains or calibrates the OEC 9800 FluoroTrak.

Removing or installing parts should not be attempted by anyone who is not specifically trained by GE OEC Medical Systems, Inc.

How to Use this Update

This update is formatted and intened for CD distribution. This update is organized using navigation screens. Click on the section of interest and then refer to the table of contents on the front page to locate the information you require.

Manual Revision History

Rev	Dash	Date	Change Description
A	-01	February, 2001	Manufacturing Release

Table of Contents

Introduction 3
Purpose 3
Intended Audience 3
How to Use this Manual 3
Manual Revision History 4
Figure 1. Front and Side Covers Parts List 6
Front and Side Covers Exploded View 7
Figure 2. Rear and Side Covers Parts List 8
Rear and Side Covers Exploded View 9
Figure 3. Articulating Arm Parts List 10
Articulating Arm Exploded View 11
Figure 4. Flat Panel Display Assembly Parts List 12
Flat Panel Display Assembly Exploded View 13
Figure 5. FluoroTrak Kit and Computer Box Assembly Parts List 14
FluoroTrak Kit and Computer Box Assembly Exploded View 15
Figure 6. Computer Box Assembly Parts List (1 of 2) 16
Computer Box Assembly Exploded View (2 of 2) 17
Figure 7. Computer Box Assembly Parts List (1 of 2) 18
Computer Box Assembly Exploded View (2 of 2) 19
Figure 8. Parts List Codonics Printer 20
Exploded View Codonics Printer 21

Figure 1. Front and Side Covers Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-876466-02	Handle, Monitor Cart	1
2	00-875981-03	Cover, Side, Upper, Left	1
3	22-420080-00	Spacer, Round, .375 L, 5/8 OD, #10, Nylon	2
4	00-875986-10	Cover, Side, Lower, Left, W/Louvers	1
5	27-590978-00	Filter, Air, Frls, 5.78 x 14.06 x .030	1
6	00-883156-01	Bracket, Mounting, Interconnect	1
7	00-878585-01	Clamp, Mounting, Interconnect (Large)	1
8	00-878585-02	Clamp, Mounting, Interconnect (Small)	1
9	13-311160-00	Nut, Hex-Lock-Ext-T, 10-32, SST, NA, A = .37	4
10	12-225106-08	Screw, Sems Spring, Pan, Torx, 10-32, 1/2, SZC	4
11	00-880393-05	Cover, Front Panel, Surgical Codonics	1
11	00-880393-06	Cover, Front Panel, Surgical Navigation	1
12	00-882930-01	Cable Assembly, Arm (Not Shown)	1

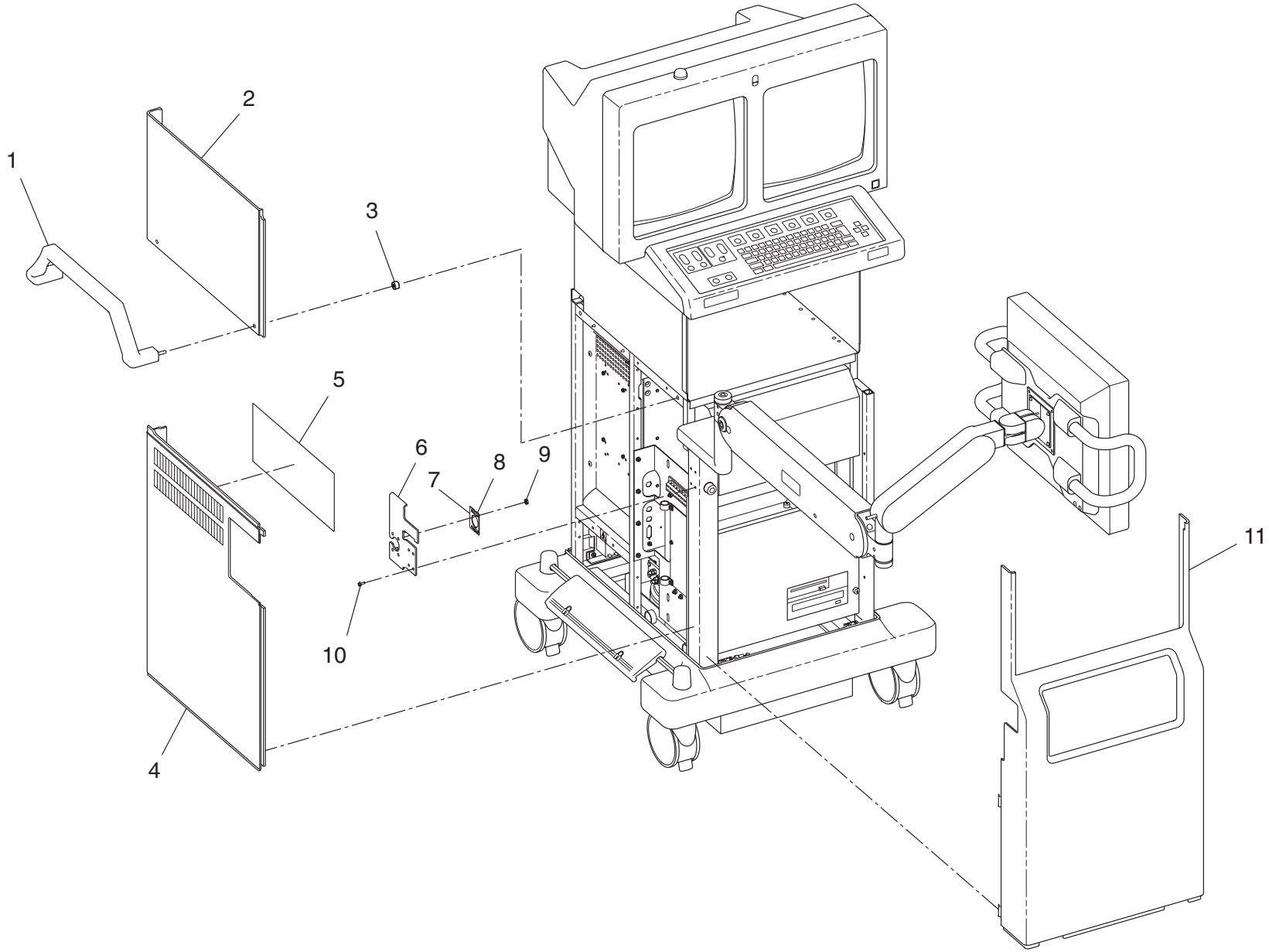

Figure 1. Front and Side Covers Exploded View

Figure 2. Rear and Side Covers Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-883333-01	Clip, Transport, Spring	1
2	00-883051-01	Bracket, Retention, Monitor	1
3	00-875981-05	Cover, Side, Upper	1
4	00-883622-01	Label	1
5	22-420080-00	Spacer, Round, .375L 5/8 OD, #10, Nylon	1
6	13-311114-00	Nut, Hex-Lock-Ext-T, 1/4-20, SST	2
7	00-875986-09	Cover, Side, Lower, Right, W/Louvers	1
8	27-590976-00	Filter, Air, Frls, 7.06 x 20.12 x .030	1
9	89-200201-00	Velcro, Hook, PS Adhesive Backing, .50 W, Black	AR
10	88-199595-00	Tape, Film, Polye, 1 WX .004 T, Transparent	AR
11	27-590977-00	Filter, Air, Frls, 5.58 x 7.94 x .030	1
12	00-901551-01	PCA, Ethernet Card (SCD) 9800	1
13	27-590972-00	Filter, Air, Frls, 6 x 6 x .188	1
14	00-883347-01	Assembly, Cover, Rear Panel	1
15	55-700481-00	Circuit Breaker, 8 .5A, DPST, 125 Vac/32 VDC, Panel	1
16	00-882882-01	Cable Assmebly, Ethernet, Dual (Not Shown)	1

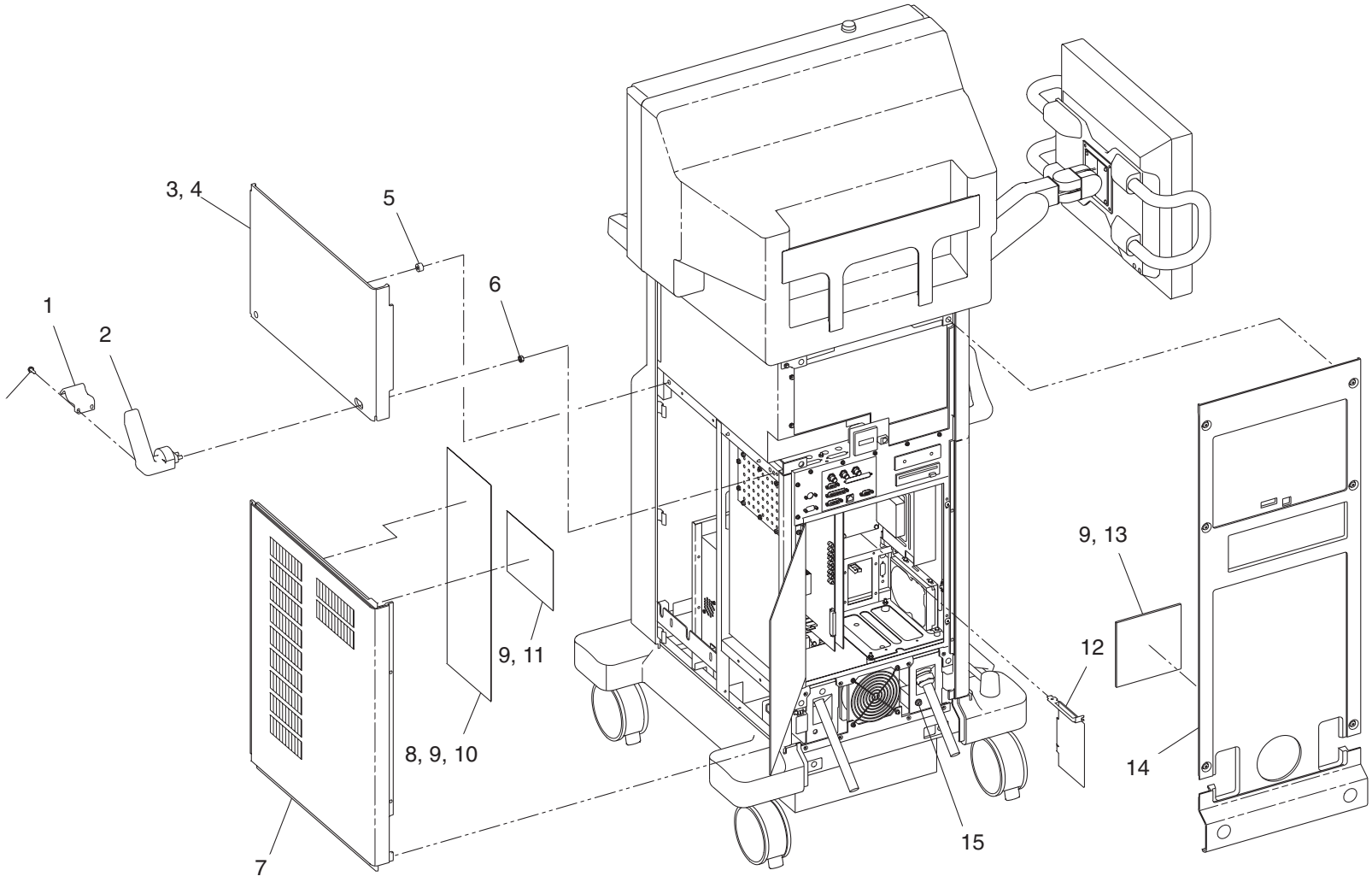

Figure 2. Rear and Side Covers Exploded View

Figure 3. Articulating Arm Parts List			
Item	**Part Number**	**Description**	**Qty**
1	12-311114-08	Screw, NA, Socket, Hex, 1/4-20, /2, SZC, 8	2
2	00-878674-02	Cap, Shaft, A-Arm	2
3	21-128915-00	Bearing, Thr-Washer, .750ID, 1.250 OD, .03	6
4	21-128912-00	Bearing, Needle-Roller, .750ID, 1.250 OD, .078	4
5	27-402276-00	O-Ring, 1.250 ID X .125 WD, Nprn, -218	4
6	22-420049-00	Spacer, Round	3
7	00-882910-02	Machining, "A" Arm Support	1
8	14-111114-00	Washer, Plain, 1/4, SST, NA, ID = .265, OD = . 500	3
9	14-211014-00	Washer, Lock-HLCL-Spring, 1/4, SZC, ID = .255	3
10	12-311114-22	Screw, NA , Socket, Hex, 1/4-20, 1-1/4, SZC, 8	3
11	14-122118-00	Washer, Plain, 1/2, SST, ID = .512, OD = .750	1
12	14-211118-00	Washer, Lock-HLCL-Spring, 1/2, SST, ANSI/ASME	1
13	12-311118-22	Screw, NA , Socket, Hex, 1/2-13, 1-1/4, SZC, 8	1
14	00-880377-01	Cover, Cable	1
15	00-883468-01	Label, A-Arm, FluoroTrak	2
16	00-881313-02	Assembly, A-Arm, Surgical Navigation	1
17	19-221933-00	Pin, Dowel, .2502 OD, 1.000, Steel	1
18	00-883205-01	Machining, Secondary Arm	1
19	22-119655-00	Clamp, Cable Tie, Screw Mount, .19 x 6 - 3/4	4
20	00-882907-01	Pin, Rotation	1

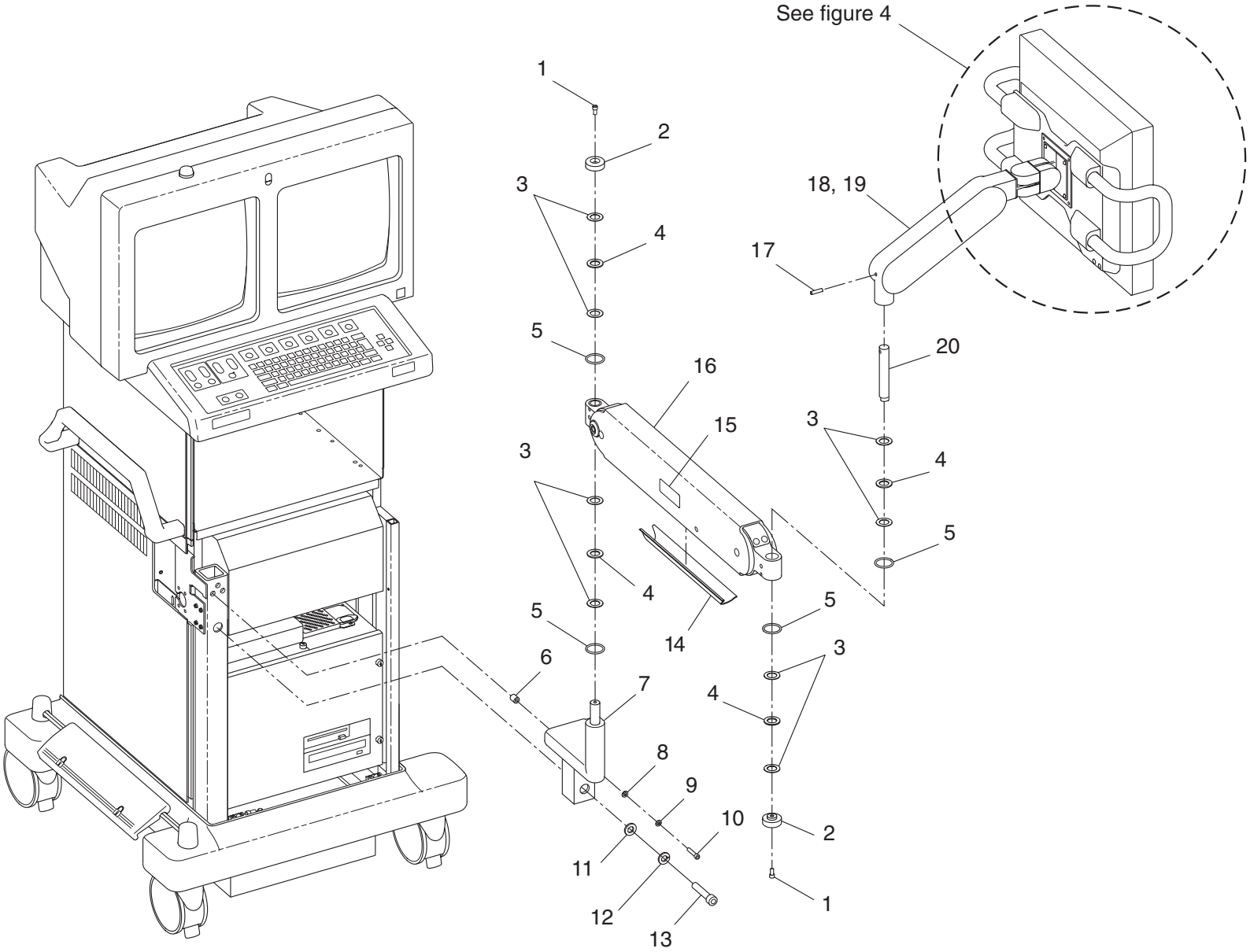

Figure 3. Articulating Arm Exploded View

Figure 4. Flat Panel Monitor Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-883123-01	Mount, Pivot, Monitor	1
2	00-883276-01	Handle, Monitor	2
3	00-883274-01	Mount, Handle	4
4	00-883272-01	Plate, Monitor Mounting	1
5	12-215008-10	Screw, Machine, Flat,Torx, 8-32, 5/8, SZC	16
6	00-883275-01	Plate, Spacer	1
7	00-883549-01	Assembly, Flat Panel, Display	1
8	00-883273-01	Support, Cable	1
9	12-215008-08	Screw, Machine, Flat, Torx, 8-32, 1/2, SZC	2
10	88-299284-00	Adhesive, Sealant, Purple, Bottle, 10 CC, Loctite, 221-21	AR
11	14-999789-00	Washer, Plain-Metric, N, SST, NA, ID = 4.3 MM, OD = 9	4
12	14-211108-00	Washer, Lock-HLCL-Spring, #8, SZC, NA, ID = .168	4
13	12-159105-23	Screw, Metric, Pan, Phillips, M 4 x 0.7, 25 MM, SZC	4
14	88-299282-00	Adhesive, Sealant, Blue, Bottle, 10 CC, 242-21	AR
15	12-331108-06	Screw, NA, Flat, Hex, 8-32, 3/8, SZC, 8	4

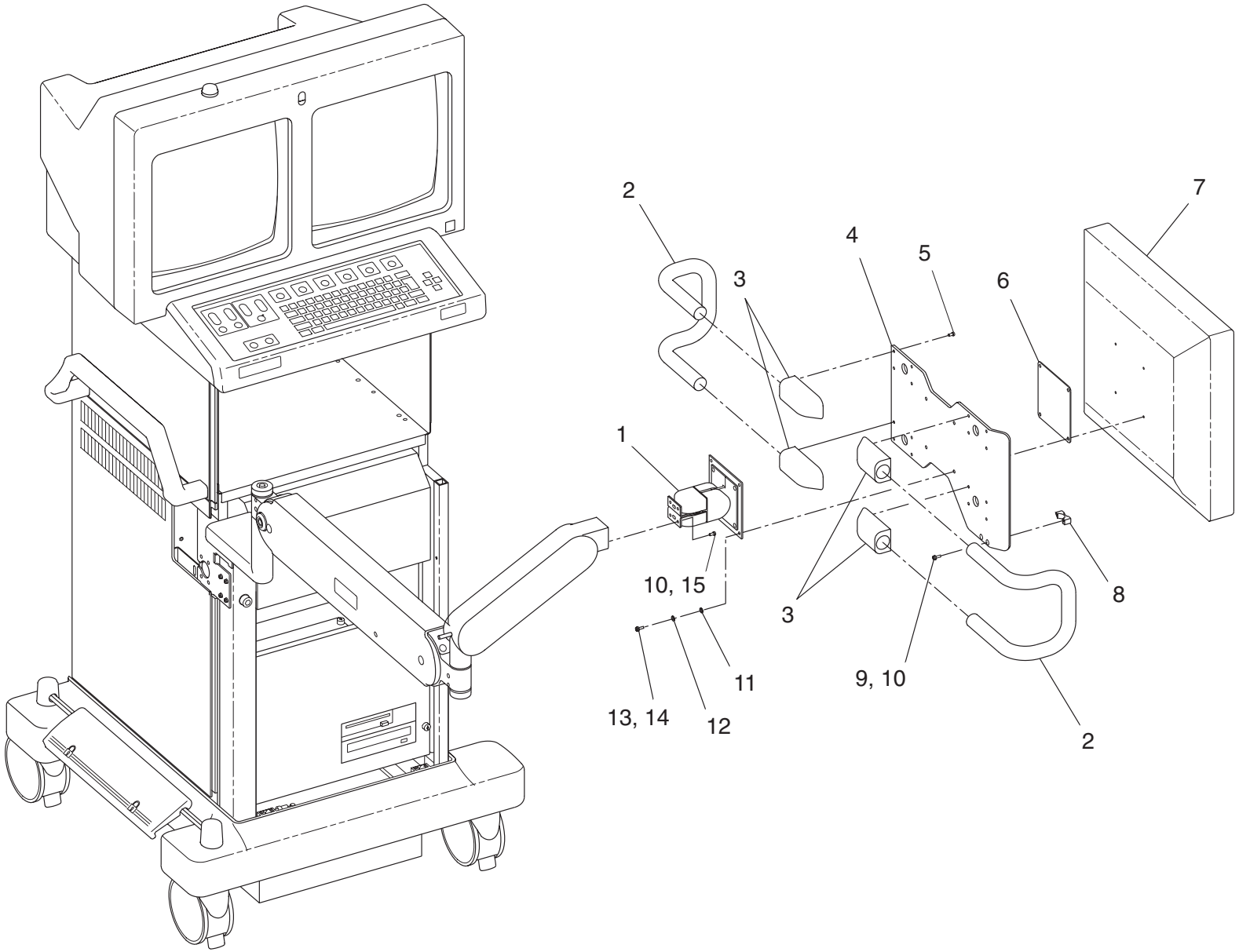

Figure 4. Flat Panel Display Assembly Exploded View

Figure 5. FluoroTrak Kit and Computer Box Assembly Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-878204-01	Cap, Knob, Modified	4
2	12-225106-06	Screw, Sems Spring, Pan, Torx, 6-32, 3/8, SZC	8
3	00-883157-01	Bezel, Tracker	1
4	00-883158-01	Gasket, Bezel	1
5	00-883159-01	Gasket, Bezel/Tracker	1
6	00-883413-01	Plate, Cover, Tracker	1
7	00-901914-01	Kit, FluoroTrak, 9"	1
7	00-901915-01	Kit, FluoroTrak, 12"	1
8	12-225108-06	Screw, Sems Spring, Pan, Torx, 8-32, 3/8, SZC	4
9	14-111114-00	Washer, Plain, 1/4, SST, NA, ID = .265, OD = .50	4
10	14-211014-00	Washer, Lock - HLCL - Spring, 1/4, SZC, ID = .255	4
11	12-311114-08	Screw, NA, Socket, Hex, 1/4 - 20, 1/2, SZC, 8	2
12	88-299282-00	Adhesive, Sealant, Blue, Bottle, 10 CC, 242-21	AR
13	00-882903-01	Plate, Stain Relief	1
14	00-882894-01	Assembly, Computer Box	1
15	51-300006-00	Connector, Adapter, Video, HD 15F To 13W3M	1
16	00-882893-01	Plate, Mounting, Power Supply	1
17	22-119652-00	Clamp, Cable Tie	2
18	00-882892-01	Cover, Power Supply	1
19	00-882902-01	Bracket, Mounting, Enclosure	1
20	14-121114-00	Washer, Plain, 1/4, SST, MS15795-810, ID = .276	2
21	14-211114-00	Washer, Lock - HLCL - Spring, 1/4, SST, MS35338	2
22	12-312014-08	Screw, NA, Socket, Hex, 1/4-20, 1/2, SST	2
23	12-225108-06	Screw, Sems Spring, Pan, Torx, 8-32, 3/8, SZC	4
24	00-882856-01	Cable, Assembly, AC, Panel PS (Not Shown)	1

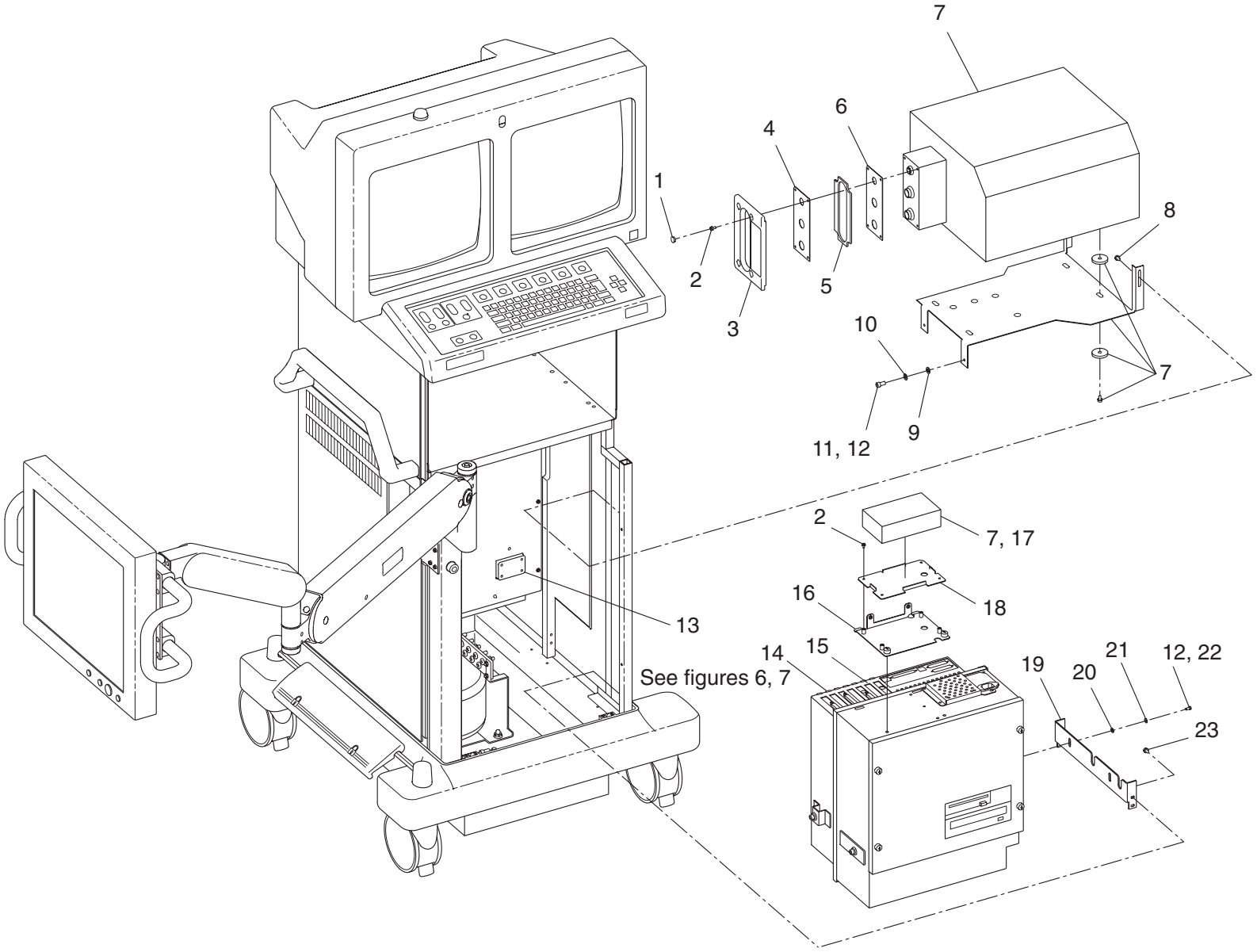

Figure 5. FluoroTrak Kit and Computer Box Assembly Exploded View

Figure 6. Computer Box Assembly Parts List (1 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	00-883027-01	Gasket, Fan, 3.15"	2
2	00-882880-01	Fan Assembly, 12 VDC, 80mm	2
3	12-225106-22	Screw, Sems Spring, Pan, Torx, 6-32, 1-1/4, SZC	8
4	22-399903-00	Bracket, Connector Mounting, Block, .030 Thick, Sbn	2
5	12-225106-06	Screw, Sems Spring, Pan, Torx, 6-32, 3/8, SZC	39
6	00-882896-01	Housing, Rear, Enclosure	1
7	00-901792-01	PCA, Motherboard, Sparc (SCD)	1
8	00-882881-01	Speaker Assembly	1
9	00-901795-01	PCI, Ethernet, 10/100, Base-T	1
10	00-901804-01	PCA, Graphics, Sun, 30 (SCD)	1
11	00-901805-01	Memory, DIMM, EDO, 128M, 60NS (SCD)	2
12	00-901796-01	PCA, PCI, Serial, 4 Port, Solaris (SCD)	1
13	00-883332-01	PCA, ANC Power Control/Audio AMP	1
14	00-88044-02	Cable, Assembly, Signal FDD, 9800 (Not Shown)	1
15	00-883341-01	Cable, Assembly, Computer Power/Audio (Not Shown)	1
16	00-882969-01	Cable Assembly, Serial Breakout (Not Shown)	1

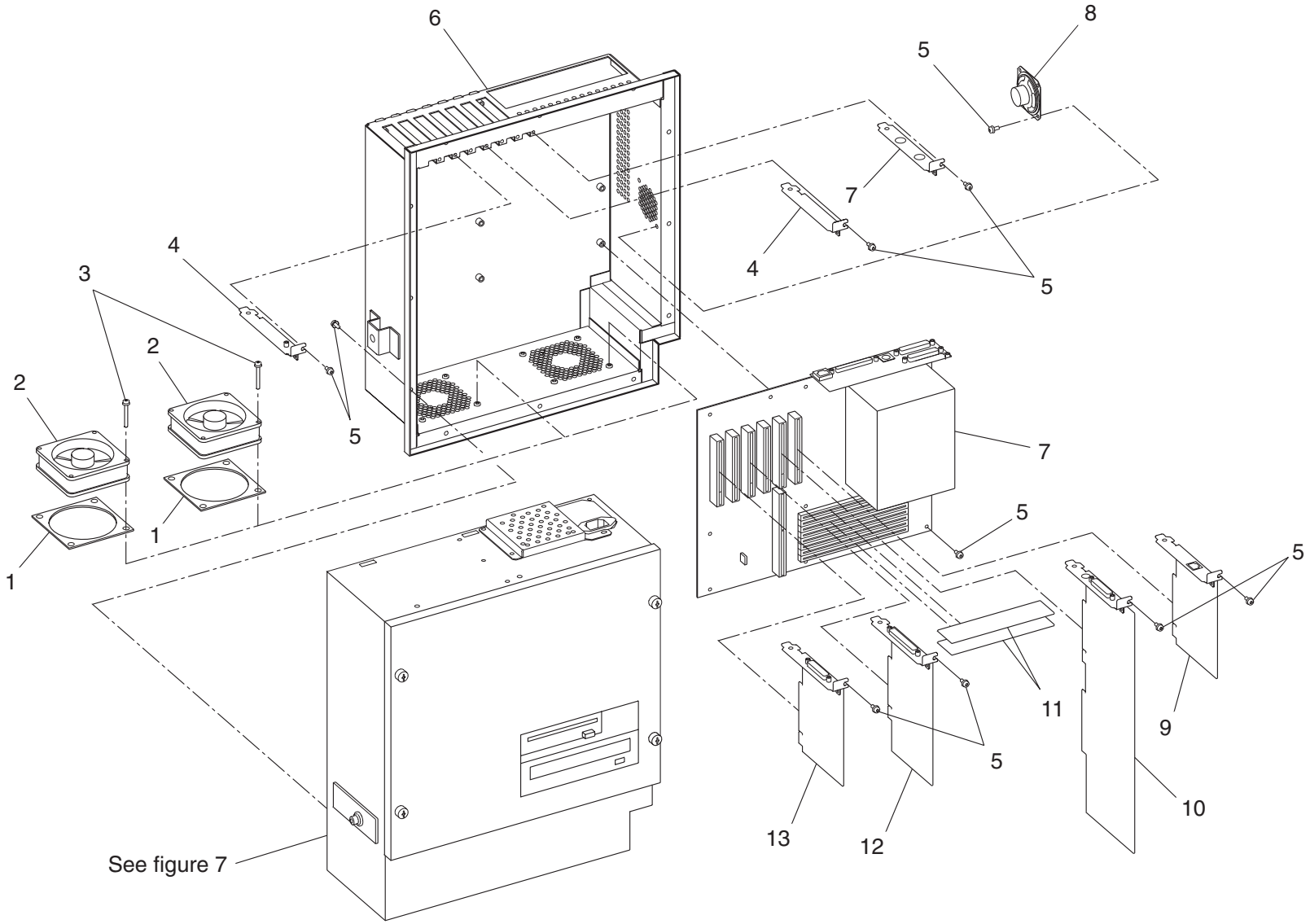

Figure 6. Computer Box Assembly Exploded View (2 of 2)

Figure 7. Computer Box Assembly Parts List (2 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	00-882895-01	Housing, Front, Enclosure	1
2	00-883126-01	Guard, Fan	1
3	00-882898-01	Bracket, Mounting, Drives	1
4	12-225303-08	Screw, Metric Sems, Pan, Torx, M3 x 0.5,6 MM, SZC	12
5	12-225106-06	Screw, Sems Spring, Pan, Torx, 6-32, 3/8, SZC	39
6	00-900669-01	Drive, Floppy Disk, 3.5", 1.44 MB	1
7	00-901791-01	CD-ROM Drive, SCSI	1
8	00-882900-01	Bracket, Mounting, Battery	1
9	00-901806-01	Battery, UPS (SCD)	1
10	00-882897-01	Cover, Enclosure	1
11	00-901797-01	Power Supply, ATX, UPS (SCD)	1
12	21-699934-00	Mount, Shock ABS, 4 LB Compression 1 LB SHR, Natural Rubber (Shock Mounts)	4
13	12-225106-04	Screw, Sems Spring, Pan, Torx, 6-32, 1/4, SZC (Shock Mounts)	8
14	00-882901-01	Bracket, Mounting, Hard Disk	1
15	00-882899-01	Plate, Mounting, Hard Disk	1
16	00-883552-01	Assembly, Hard Drive/Software, FluoroTrak	1
17	51-300005-00	Connector, Adapter, SCSI, F/F, 50 Positive to 69 Positive (Not Shown)	1
18	00-882887-01	Cable, Assembly, Drive Power Split (Not Shown)	1
19	00-883128-01	Cable, Assembly, SCSI, Wide (Not Shown)	1
20	00-882857-01	Cable Assemly, AC, Navigation Comp (Not Shown)	1

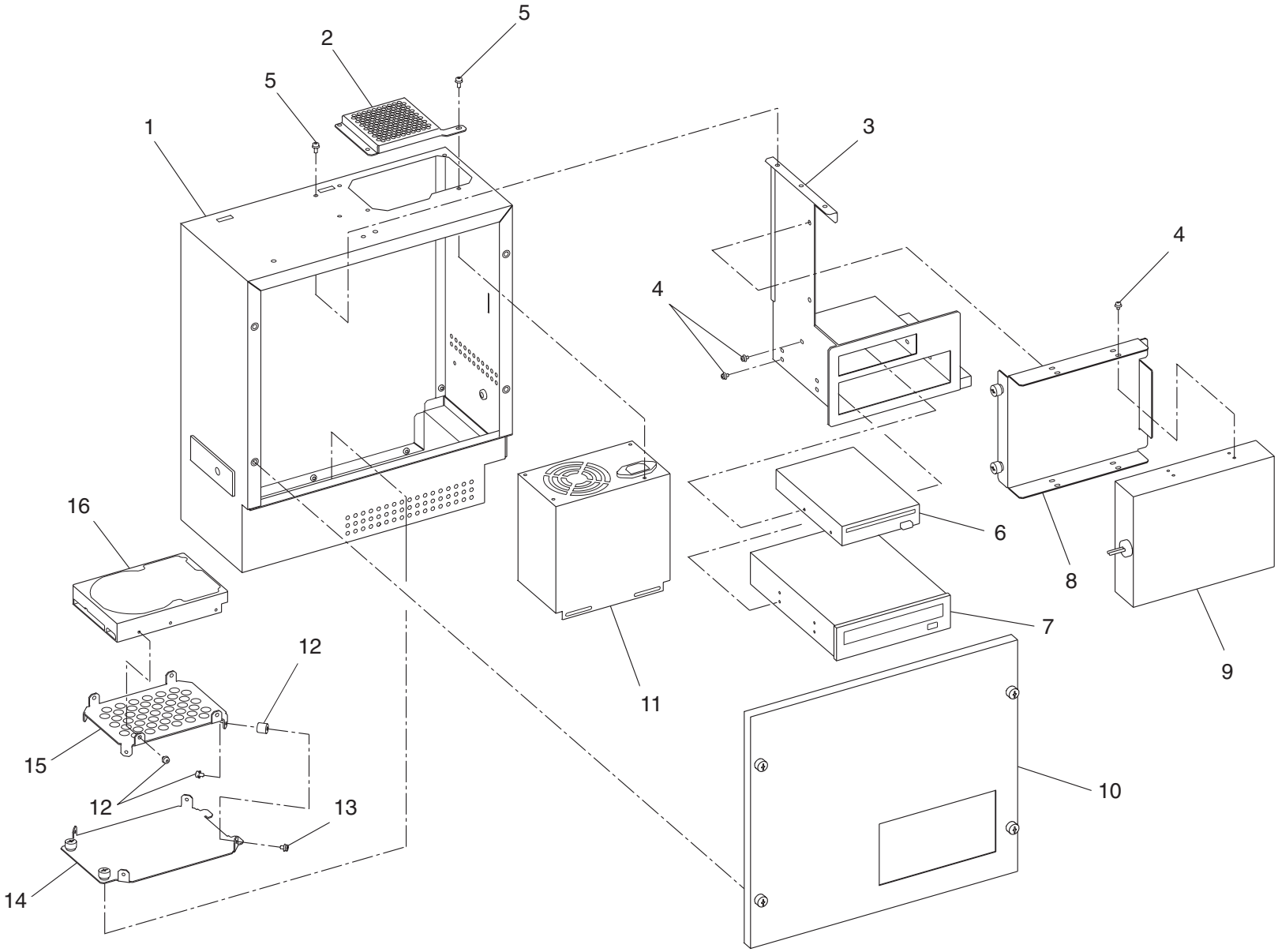

Figure 7. Computer Box Assembly Exploded View (2 of 2)

Figure 8. Codonics Printer Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-901406-05	Instant Film/Paper Printer	1
2	12-215004-06	Screw, Machine, Flat, Torx, 4-40, 3/8, SZC	4
3	00-880891-01	Mount, Upper, Codonics	1
4	12-225108-06	Screw, Sems Spring, Pan, Torx, 8-32, 3/8, SZC	28
5	21-301871-00	Rail, Slide, Chassis	2
6	00-901451-01	Guard, Cable, E-Chain, 9800	1
7	00-881110-01	Bracket, Mounting, Codonics Cable, 9800	1
8	13-311114-00	Nut, Hex-Lock-Ext-T, 1/4-20, SST, NA, A = .4	6
9	00-880892-01	Mount, Lower, Codonics	1
10	21-699937-00	Mount, Shock Absorber, 60 lb, Compression 15 lb Sheer	6
11	23-608980-00	Bumper, Standard Mount, .625 D x .312 T, Rubber, Black	6
12	00-901449-01	Cabel, Instant Printer, Parallell (SCD) (Not Shown)	1
13	00-901560-03	Accessory Kit, Instant Printer, Film (Not Shown)	1
14	00-880731-03	Manual Language Kit, Codonics, 9800 (Not Shown)	1

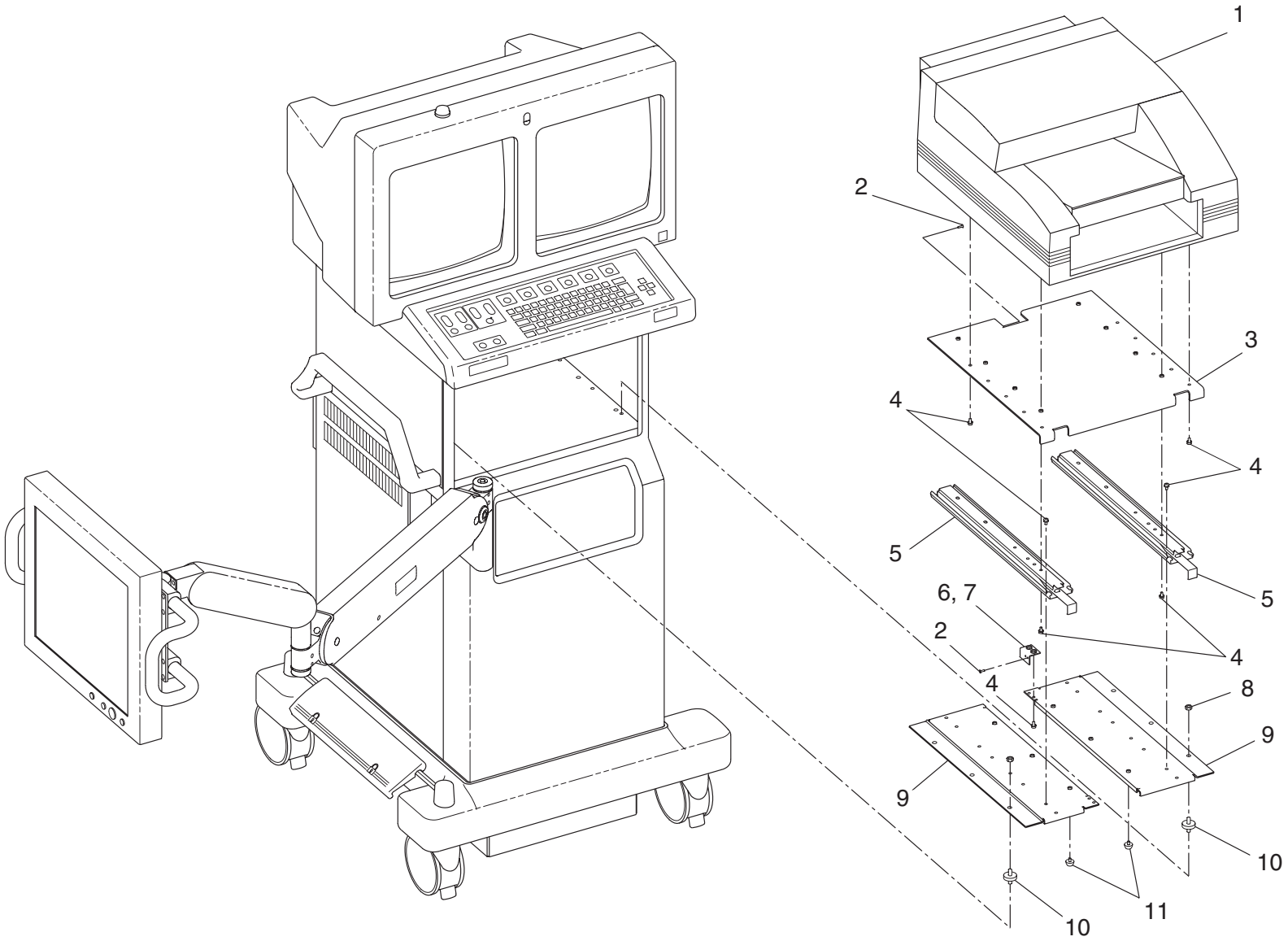

Figure 8. Codonics Printer Exploded View